

Application No. 10/609,249
Response to Office Action

Customer No. 01933

Listing of Claims:

1. (Currently Amended) A head supporting arrangement comprising:

a base plate;

a support spring; and

5 at least one microactuator device connected between said base plate and said support spring, said microactuator device having a cut face formed by cutting,

wherein said cut face is subjected to an anti-release treatment for preventing release of particles produced by the
10 cutting, and

wherein said microactuator device and portions of said base plate and said support spring adjacent to said microactuator device are coated with a coating film so that said microactuator device is entirely enclosed by said coating film.

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2. (Currently Amended) A microactuator device The head supporting arrangement according to claim 1, wherein said anti-release treatment is carried out by baking an entire surface of said microactuator device including said cut face to form a sintered ~~image~~ surface after cutting the microactuator device into a final product shape.

Application No. 10/609,249
Response to Office Action

Customer No. 01933

3. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 1, wherein said anti-release treatment is carried out by polishing an entire surface of said microactuator device including said cut face formed by cutting after baking the microactuator device.

4. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 1, wherein said anti-release treatment is carried out by reheating an entire surface of said microactuator device including said cut face formed by cutting after baking the microactuator device to thereby refix said particles to said entire surface.

5. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 1, wherein said anti-release treatment is carried out by exclusively heating said cut face formed by cutting after baking the microactuator device to thereby refix said particles to said cut face.

6. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 2, wherein said anti-release treatment is followed by a washing of an the entire surface of said microactuator device including said cut face to remove said particles.

Application No. 10/609,249
Response to Office Action

Customer No. 01933

7. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 3, wherein said anti-release treatment is followed by a washing of ~~an~~ the entire surface of said microactuator device including said cut face to remove said particles.

8. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 4, wherein said anti-release treatment is followed by a washing of ~~an~~ the entire surface of said microactuator device including said cut face to remove said particles.

9. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 5, wherein said anti-release treatment is followed by a washing of ~~an~~ entire surface of said microactuator device including said cut face to remove said particles.

10. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 1, wherein said anti-release treatment is carried out by coating said cut face formed by cutting after baking the microactuator device with a glass to avoid exposure of said cut face.

Application No. 10/609,249
Response to Office Action

Customer No. 01933

11. (Currently Amended) A microactuator device The head supporting arrangement according to claim 1, wherein said anti-release treatment is carried out by coating an entire surface of said microactuator device including said cut face formed by cutting after baking the microactuator device with a flexible resin material which hardly suppresses the such that a displacement of said microactuator device is substantially unaffected.

5 12. (Currently Amended) A microactuator device The head supporting arrangement according to claim 1, wherein said microactuator device comprises a multilayer structure which includes a plurality of piezoelectric elements and a plurality of internal electrodes alternately laminated and which has includes said cut face.

5 13. (Currently Amended) A microactuator device The head supporting arrangement according to claim 2, wherein said microactuator device comprises a multilayer structure which includes a plurality of piezoelectric elements and a plurality of internal electrodes alternately laminated and which has includes said cut face.

Application No. 10/609,249
Response to Office Action

Customer No. 01933

14. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 3, wherein said microactuator device comprises a multilayer structure which includes a plurality of piezoelectric elements and a plurality of internal electrodes alternately laminated and which ~~has~~ includes said cut face.

5 15. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 4, wherein said microactuator device comprises a multilayer structure which includes a plurality of piezoelectric elements and a plurality of internal electrodes alternately laminated and which ~~has~~ includes said cut face.

16. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 5, wherein said microactuator device comprises a multilayer structure which includes a plurality of piezoelectric elements and a plurality of internal electrodes alternately laminated and which ~~has~~ includes said cut face.

5 17. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 7, wherein said microactuator device comprises a multilayer structure which

Application No. 10/609,249
Response to Office Action

Customer No. 01933

includes a plurality of piezoelectric elements and a plurality
5 of internal electrodes alternately laminated and which ~~has~~
includes said cut face.

18. (Currently Amended) ~~A microactuator device~~ The head
supporting arrangement according to claim 8, wherein said
microactuator device comprises a multilayer structure which
includes a plurality of piezoelectric elements and a plurality
5 of internal electrodes alternately laminated and which ~~has~~
includes said cut face.

19. (Currently Amended) ~~A microactuator device~~ The head
supporting arrangement according to claim 6, wherein said
microactuator device comprises a multilayer structure which
includes a plurality of piezoelectric elements and a plurality
5 of internal electrodes alternately laminated and which
includes said cut face.

20. (Currently Amended) ~~A microactuator device~~ The head
supporting arrangement according to claim 7 10, wherein said
microactuator device comprises a multilayer structure which
includes a plurality of piezoelectric elements and a plurality
5 of internal electrodes alternately laminated and which
includes said cut face.

Application No. 10/609,249
Response to Office Action

Customer No. 01933

21. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 8 & 11, wherein said microactuator device comprises a multilayer structure which includes a plurality of piezoelectric elements and a plurality 5 of internal electrodes alternately laminated and which includes said cut face.

22. (Currently Amended) ~~A microactuator device~~ The head supporting arrangement according to claim 9, wherein said microactuator device comprises a multilayer structure which includes a plurality of piezoelectric elements and a plurality 5 of internal electrodes alternately laminated and which includes said cut face.